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PTO-1390 (Rev. 12-2004)
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TRANSMITTAL LETTER TO THE UNITED STATES

Other items or information:

ATTTORNEY'S DOCKET NUMBER

DESIGNATED/ELECTED	U5259/HG								
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
INTERNATIONAL APPLICATION NO. PCT/JP2004/008401	INTERNATIONAL FILING DATE 9 JUNE 2004	PRIORITY DATE CLAIMED 7 OCTOBER 2003							
TITLE OF LANGE NEW PROTON-EXCHANGE MEMBRANE FUEL CELL SEPARATOR AND PROTON-EXCHANGE MEMBRANE FUEL CELL USING THE SAME									
APPLICANT(S) FOR DO/EO/US Shin ISHIKAWA; Kunio FUKUDA; Yasushi KATO; Osamu FURUKIMI; and Kenji TAKAO									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. This is a FIRST submission of items co	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. This is a SECOND or SUBSEQUENT	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 31).	The US has been elected (Article 31).								
5. A copy of the International Application	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is attached hereto (required	a. is attached hereto (required only if not communicated by the International Bureau).								
b. has been communicated by	b. has been communicated by the International Bureau.								
c. is not required, as the appli	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation of the	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached hereto.	a. is attached hereto.								
b. has been previously submi	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the Inte	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (requ	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communicated	b. have been communicated by the International Bureau.								
c. have not been made; how	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made and	d. have not been made and will not be made.								
8. An English language translation of the	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the invento	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:									
11. An Information Disclosure Statement	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12. An assignment document for recordi	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. A preliminary amendment.	A preliminary amendment.								
14. An Application Data Sheet under 37	An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.	A substitute specification.								
16. A power of attorney and/or change of	A power of attorney and/or change of address letter.								
17. A computer-readable form of the sec	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18. A second copy of the published Inter	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Express Mail Label No. EV 478 459 206 US

Date of Deposit: May 11, 2005 I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT,

Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

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LICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER

_	TION NO. (II KIIOWII, I		PCT/JP2004/0		05254		
	ing fees are submitte						
Basic na	ational fee	•		\$300.00	\$ 300.00		
b) Examin	ation fee			\$200.00	\$ 200.00		
c) Search fee				\$ 500.00			
TOTAL OF ABOVE CALCULATIONS = \$1000.00					\$ 1000.00		
listing or co	fee for specification a emputer program listi 50 sheets of paper or						
Total Sheets	Extra sheets	1	Number of each additional 50 or fraction thereof (round up to a whole number)]		
- 100 =	/50	0 =	<u> </u>	x \$250.00	\$.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$.00		
CLAIMS	NUMBE	R FILED	NUMBEREXTRA	RATE	\$		
Total claims		- 20 =		x \$50.00	\$.00		
Independent clai		- 3 =		x \$200.00	\$.00		
MULTIPLE DEPI	ENDENT CLAIM(S)	(if applicable)		+ \$360.00	\$.00		
A		· 0 - 27 OI	TOTAL OF ABOVE C		\$.00		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					\$.00	\$.00	
SUBTOTAL					\$.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$.00		
TOTAL NATIONAL FEE =					\$.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$.08		
			TOTAL FEI	ES ENCLOSED =	\$.00		
					Amount to be refunded:	\$.00	
					Amount to be charged:	\$.00	
a. A check in the amount of \$ to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 06-1378. A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:							
CUST	TOMER I	NO. 01	933	SIGNATIONE	//////////		
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Frishauf, H 767 Third A	łoltz, Goodman Avenus						
25 th Floor	Avenue						
New York I	NY 10017-2023	ION NUMBER					